

# CNS-Histology

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Archive

lecture 4

Brain stem 2

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1) which one is correct about gray matter:

- a. myelinated axons & few unmyelinated axons and neuroglia
- b. bodies of nerve cells, dendrites, unmyelinated axons and neuroglia
- c. bodies of nerve cells, dendrites, myelinated axons and neuroglia

Answer: b

2) on the level of inf. Colliculus; we found:

- a. The aqueduct is surrounded with quadrangular area of grey matter
- B. Red nucleus at the mid
- c. 3 lemnisci present
- D. Dorsal & ventral decussation

answer: a

3) Third layer of superior colliculus:

- A) stratum zonale
- B) stratum griseum superficiale
- C) stratum opticum
- D) stratum griseum mediate

answer: c

4) One is True about Inferior colliculus:

- Aqueduct is surrounded with quadrangular area of grey matter

The name of lamina V of the superior colliculus:

- A. Stratum zonale
- B. Stratum griseum superficiale
- C. Stratum opticum
- D. Stratum album intermedium
- E. Stratum griseum profundum

Answer: D

Which of the following cranial nerve nuclei is NOT located in the superior colliculus (midbrain)?

- a) Oculomotor nucleus (III)
- b) Trochlear nucleus (IV)
- C) Vagus nucleus (X)
- D) None of the above

Answer: c

Correct about Substantia Nigra

A-pale pigmented motor nucleus

B-neuromelanin pigment very little in birth increasing during childhood

C-Zona Compacta rich in dopamine

Answer: c

